

DATE: JUNE 07,2012

ESPCP GENERAL NOTES:

The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to, or concurrent with, land disturbing activities.

Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.

PLAN ALTERATIONS

The Erosion Sedimentation and Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project based on common construction methods and techniques. If the Contractor elects to alter the stage construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance to Special Provision 161 of the contract

The Contractor, the Certified Design Professional and the WECS shall carefully evaluate this plan prior to commencing land disturbing activities. A major modification or deletion of structural BMP's with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC level-II-certified design professional. Additional BMP's may be added per Special Provision 161 - Control of Soil Erosion and Sedimentation.

TEMPORARY MULCHING

EPD General Permit GARI00002 states, "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding". However, the Department typically requires disturbed areas to be stabilized every 7 days. The construction documents, special provisions, or specifications may require mulching more often than 7 days.

VEGETATION AND PLANTING SCHEDULE

All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming and mulching for this project can be found in section 700 of the current edition of the Department's Standard Specifications (or Special Provisions) and other applicable contract documents, or landscaping plans.

SITE STABILIZATION AND BMP MAINTENANCE MEASURES

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 710, and other contract documents for stabilization and maintenance measures.

WASTE DISPOSAL

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with all applicable state and local waste storage and disposal regulations and obtain all necessary permits. Solid materials, including building materials, shall not be deposited into Waters of the State, unless authorized by a Section 404 Permit.

POST-CONSTRUCTION BMP'S FOR STORMWATER MANAGEMENT

All permanent post-construction BMP's are shown in the construction plans and in the ESPCP plan. The post-construction BMP's for this project consist of vegetation, rip-rap at pipe outlets for velocity dissipation and outlet stabilization and slope stabilization with matting. The post-construction BMP's will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

PETROLEUM STORAGE, SPILLS AND LEAKS

These plans expressly delegate the responsibility of on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up, and disposal of any petroleum product, or other hazardous materials, leak or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel or maintain equipment within stream buffers.

If the Contractor elects to store petroleum products on site the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GARI00002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

SOIL SERIES INFORMATION

A project-specific soil survey and geotechnical investigation was performed for this project and can be made available upon request. Soil characteristics have been given full consideration in the hydrologic analysis, the design of channels and linings, selection of temporary BMP's, design of energy dissipaters, and in the selection of permanent vegetation and fertilizers. The following is a summary of the soils that are expected to be found on the project site:

EROSION HAZARD (ROAD, TRAIL) - SUMMARY OF MAP UINT GORDON COUNTY, GEORGIA					
MAP UNIT SYMBOL	MAP UNIT NAME	RATING	COMPONENT NAME (PERCENT)	RATING REASONS	PERCENT OF AOE
CeA	Chenneby silt loam	Moderately High	Chenneby (10.5%)		97%
CwD	Corryton silt loam	Moderately High	Corryton (9.3%)		10.0%
EwB	Etowah-Docena complex	Moderately High	Etowah (7.0%)		5.3%
KfA	Ketona silty clay loam	Moderately Low	Ketona (1.9%)		6.9%
MoF	Montevallo very channery loam	Very Low	Montevallo (1.2%)	Slope / erodibility (0.75)	2.7%
SeB	Shady-Whitwell complex	Moderately High	Shady (11.0%)		31%
ShA	Shellbluff silt loam	Moderately High	Shellbluff (40.6%)		331%
Ug	Utic Udarents, gravelly	Not rated	Utic (1.7%)		14.7%
W	Water	Not rated	Water (3.4%)		3.2%
WxB	Whitwell-Conasauga complex	Moderately High	Whitwell (9.7%)		11.3%
PERCENT FOR TOTAL AREA OF INTEREST					100%

Due to the size and scope of this project and the nature of soil series maps, it is not reasonably practical to delineate the precise locations of the above listed soils on the construction plans. The NRCS soil survey and soil series maps for the project area are also available online at: <http://websol survey.nrcs.usda.gov/>.

SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for the project shall be submitted after the project is awarded with the NOI. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

DESCRIPTION OF WORK BEING PERFORMED

The project consists of construction of two bridges along SR 225 and removal of two bridges adjacent to the new bridges. It also includes improved shoulders and driveway for boat ramp.

Stage 1A - Work in this stage includes clearing and grubbing to the project limits as shown on the plans.

- A) Initial BMPs: Install the following BMPs prior to construction.

a. Install perimeter silt fence as shown on Stage 1A plans
- B) Intermediate BMPs: N/A
- C) Final BMPs: N/A

Stage 1 - Work in this stage includes completing grading and constructing the new alignment and bridges. Traffic will be maintained on the existing alignment.

- A) Initial BMPs: N/A
- B) Intermediate BMPs:

a. Install ditch checks from STA 101+00 to 113+75 LT, 108+00 to 113+75 RT, 115+25 to 117+00 LT, 115+25 to 116+50 RT, 128+00 to 135+00 LT, 126+80 to 127+40 RT, 132+00 to 134+00 RT, 136+70 to 148+00 RT and 145+00 to 148+00 LT on SR 225

b. Install silt gates as shown in Stage 1 plans

c. Install construction exits as shown in Stage 1 plans

d. Install downdrains as shown in Stage 1 plans
- C) Final BMPs:

a. Install ditch treatments

b. Install rip rap as shown in Stage 1 plans

c. Install matting blankets as shown in Stage 1 plans

Stage 2 - Work in this stage includes constructing the overlay and tie-ins on SR 225 and McDaniel Road, while maintaining traffic on the existing alignment.

- A) Initial BMPs: N/A
- B) Intermediate BMPs:

a. Install silt gates as shown on Stage 2 plans
- C) Final BMPs:

a. Install matting blankets as shown on Stage 2 plans

Stage 3 - Work in this stage shifting traffic to the new alignment, removal of the existing bridges, obliterating pavement on the existing alignment and grading the existing road to drain.

- A) Initial BMPs: Install perimeter silt fence as shown in Stage 3 plans around the existing road.
- B) Intermediate BMPs: N/A
- C) Final BMPs: N/A



REVISION DATES

ESPC GENERAL NOTES